

## REMARKS

Claims 1-16 are pending in the present application. No new matter has been added.

Claims 1-3, 11 and 16 have been rejected under 35 U.S.C. § 102(b) as being anticipated by Noble, *et al.* (U.S. Patent No. 5,914,870, hereinafter “Noble”). Claims 4-8, 9-10 and 12-15, have been rejected under 35 U.S.C. § 103(a) as being unpatentable over Noble in view of other prior art. Applicant respectfully traverses these rejections.

Claim 1 recites that “the frequency of the synchronizer signal is greater than the frequency of the clock signal.” Noble does not teach or suggest a synchronizer frequency greater than a clock frequency. The Office Action, referring to the resonant signal 246 in Figure 2 of Noble, states that Noble “mentions that the input clock signal is 345.6 KHZ and resonant frequency 360.3 KHZ.” Office Action, page 3. Applicant respectfully submits that when a linear, time invariant resonant circuit is excited by an input of a fixed frequency, the output frequency of the resonant circuit is equal to the input frequency of the resonant circuit.

Claim 1 also recites a “synchronizer signal generator device having a resonance frequency which essentially coincides with the frequency of the synchronizer signal.” Applicant further notes that in the *very same paragraph* of the Office action cited herein above, the Examiner, (again referring to the resonant signal 246), states that Noble teaches a device “having resonance frequency … *essentially coincides with the frequency* of the synchronizer signal.” Office Action, page 3. Emphasis added. Here it appears that that the Examiner is trying to identify the *same* resonant circuit signal 246 to satisfy *two*

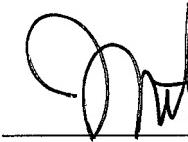
distinct elements in claim 1. According to M.P.E.P. § 2131, “[a] claim is anticipated only if each and every element as set forth in the claim is found.” Applicant, therefore, respectfully submits that claim 1 is not anticipated by the cited prior art.

Claims 2-15 depend from claim 1 and add further limitations. It is respectfully submitted that these dependent claims are allowable by reason of depending from an allowable claim as well as for adding new limitations.

Claim 16 recites that “the frequency of the synchronizer signal is greater than a frequency of the clock signal.” As is discussed with respect to claim 1 discussed herein above, Noble does not teach or suggest a synchronizer frequency greater than a clock frequency. Applicant, therefore, respectfully submits that claim 16 is not anticipated by the cited prior art.

In view of the above, Applicant respectfully submits that this response complies with 37 C.F.R. § 1.116. Applicant further submits that the claims are in condition for allowance. No new matter has been added by this amendment. If the Examiner should have any questions, please contact Applicant's attorney at the number listed below. No fee is believed due in connection with this filing. However, in the event that there are any fees due, please charge the same, or credit any overpayment, to Deposit Account No. 50-1065.

Respectfully submitted,



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